**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: MATHER et al.
Serial No.: 10/620,644
Filing Date: July 16, 2003
Group Art Unit 1713
Confirmation No. 1464

Examiner

Title of Application: Nonionic Telechelic Polymers

Incorporating Polyhedral

Oligosilsequioxane (POSS) and Uses

Thereof

37 C.F.R. § 1.8 Certificate of Mailing

I hereby certify that this correspondence is today being deposited with the U.S. Postal Service in an envelope with appropriate postage affixed thereto and addressed to Commissioner for Patents and Trademarks, Washington, D.C. 20231.

February 23, 2004

Jean McCue

February 23, 2004

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

## TRANSMITTAL OF THIRD INFORMATION DISCLOSURE STATEMENT BEFORE THE MAILING OF FIRST OFFICE ACTION

Sir:

In accordance with 37 C.F.R. §1.56, the materials listed on the attached form PTO-1449 and enclosed herewith are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application.

The filing of this information disclosure statement shall not be construed to be a representation that a search has been conducted, nor shall it be construed as an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

Please note a complete copy of the article "Hybrid Nanoreinforced Polyurethanes Based on Polyhedral Oligomeric Silsequioxanes (POSS) is being submitted herewith. The Abstract of this article was cited in the corresponding PCT application and submitted with an Information Disclosure Statement dated January 22, 2004.

It is respectfully requested that the Examiner return a copy of the attached form PTO-1449 with initials or other appropriate marks indicating consideration of the cited materials.

Respectfully submitted,

By:

Evelyn M. Sommer, Reg. No. 19,603

McCarter & English

City Place I

185 Asylum Street

Hartford, CT 06103-3495

HARTFORD: 609290.01

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Form PTO-1449	U.S. DEPT OF COMMERCE	Attorney Docket Number:	Serial No.:
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Examiner Initial	Patent number	Date	Inventor	Class	Sub class	Filing date if appropriate
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## FOREIGN PATENT DOCUMENTS

Document	Date	Country	Class	Sub		slation
number				class	Yes	No
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Vorobyova et al: "Determination of Aggregation Numbers in Aqueous Solutions of Hydrophobically Modified Polymers by Fluorescent Probe Techniques", 2000 American Chemcal Societyl, pages 143-263
Nomula et al: "Solution Structure and Shear Thickening Behavior of Ionomers and Hydrophobically Associating Polymers", 2000 American Chemical Society, pages 127-142
Schwab et al: "Hybrid Nanoreinforced Polyurethanes Based on Polyhedral Oligomeric Sisequioxanes (POSS)",

Examiner:	Date Considered:				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					